

CS97-110/112C



March 23, 2006

*cgj*

To: Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Certificate**  
**MAR 31 2006**  
**of Correction**

Attn: Publishing Division  
Certificate of Correction Branch

From: George O. Saile, Reg. No. 19,572  
28 Davis Avenue  
Poughkeepsie, N.Y. 12603

Subj: Serial No. 09/186,388 F/D 11/05/98  
Patent No. 6,982,215 *B1* Issued 1/03/06  
Inventor: Buan Heng Lee, Teck Hong Low, Hai Rong Wang, Tang Ying,  
Zadig Cheung-Ching Lam  
Title: N Type Impurity Doping Using Implantation Of P2+ Ions Or AS2+ Ions

**REQUEST FOR CERTIFICATE OF CORRECTION**

Dear Sir:

Pursuant to 37 C.F.R. 1.322, a Certificate of Correction is requested for the above identified issued US Patent.

Due to an Office mistake, the 5<sup>th</sup> Inventors name was reproduced incorrectly on the cover sheet. The complete and correct Inventors name is - - Zadig Cheung-Ching Lam -- It is clear the mistake was made by the Office because the Inventors name was correct on the Declaration and Assignment Of Invention, as amended by the Examiner.

A copy of the Forms are attached.

**APR 03 2006**

Form PTO-1050 has been completed, as required by MPEP S1485, indicating the correction to the Inventor name. No fee is included since this error was due to an Office mistake.

Please issue the Certificate of Correction to correct this error.

If there are any questions, please contact the undersigned attorney at (845) 453-5863. Thank you for your attention to this matter.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'S. B. Ackerman', with a stylized flourish at the end.

Stephen B. Ackerman, Reg. No. 37,761

APR 03 2006

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

**6982215 B1**  
PATENT NO. : ~~09/982,215~~  
DATED : 1/03/06  
INVENTOR(S) : Buan Heng Lee, Teck Hong Low, Hai Rong Wang, Tang Ying, Zadig Cheung-  
Ching Lam

It is certified that error appears in the above-identified patent and that said Letters Patent  
is hereby corrected as shown below:

On the Title page, in Item (75), delete "Zadig Cherng-Ching Lam, Arcadia, CA (US)" and replace with  
-- Zadig Cheung-Ching Lam, Arcadia, CA (US) --.

**MAILING ADDRESS OF SENDER:**

George O. Saile & Associates  
28 Davis Avenue  
Poughkeepsie, NY 12603

**6982215**  
PATENT NO. ~~09/186,388~~

No. of additional copies



This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

**APR 03 2006**

DUPLICATE

PTO/SB/44 (04-04)

Approved for use through 04/30/2007. OMB 0651-0033

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.  
(Also Form PTO-1050)

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

PATENT NO. : <sup>6982215 B1</sup> 09/082,215  
DATED : 1/03/06  
INVENTOR(S) : Buan Heng Lee, Teck Hong Low, Hai Rong Wang, Tang Ying, Zadig Cheung-Ching Lam

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title page, in Item (75), delete "Zadig Cherng-Ching Lam, Arcadia, CA (US)" and replace with  
-- Zadig Cheung-Ching Lam, Arcadia, CA (US) --.

**MAILING ADDRESS OF SENDER:**

George O. Saile & Associates  
28 Davis Avenue  
Poughkeepsie, NY 12603

<sup>6982215</sup>  
PATENT NO. 09/186,388

No. of additional copies



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If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

APR 03 2006

# DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

DOCKET NO. CS97-110/112

As a below named Inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled N Type Impurity Doping Using Implantation Of P2+ Ions Or As2+ Ions

the specification of which (check one)

☒ X is attached hereto.

was filed on \_\_\_\_\_

Application Serial No. \_\_\_\_\_

and was amended on \_\_\_\_\_

(if applicable)

I hereby state that I have reviewed and understand the contents of the above Identified specification including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed:

(Number)	(Country)	(Day/Month/Year Filed)

I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name & registration no.)

GEORGE O. SAILE (Reg. No. 19,572), STEPHEN B. ACKERMAN (Reg. No. 37,761)

Send Correspondence to: 20 MCINTOSH DRIVE, POUGHKEEPSIE, NEW YORK 12603

Direct telephone Calls to: (name & telephone number) GEORGE O. SAILE NEW YORK 914 452 5863

BUAN HENG, LEE  
Full name of sole or first inventor

11/SEP/1998  
Date

Inventor's signature [Signature]

62, SOUTH BUONA VISTA ROAD, #02-01, SINGAPORE 1118173.  
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Citizenship

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17-SEP-1998

Full name of second inventor

Date

Inventor's signature

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Date

Inventor's signature

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Citizenship

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24-Sep-98

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Date

Inventor's signature

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Post Office Address

Zach Cheung-Ching Lam

28/9/98

Full name of fifth inventor

Date

Inventor's signature

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Post Office Address

Full name of sixth inventor

Date

Inventor's signature

Residence

Citizenship

Post Office Address

For ☒ U.S. and/or ☒ Foreign Rights

For ☒ Application or ☐ U.S. Patent

By ☒ Inventor(s) or ☐ Present Owner

### ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

#### ASSIGNOR:

BUAN HENG, LEE  
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#### ASSIGNEE:

**Chartered Semiconductor Manufacturing Ltd.**  
**60 Woodlands Industrial Park D**  
**Street 2**  
**Singapore 738406**  
**Singapore**  
Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- ☒ the entire right, title and interest  
☐ an undivided \_\_\_\_\_ percent (\_\_\_\_%) interest for the United States and its territorial possessions  
(check the following box if foreign rights are also to be assigned)  
☒ and in all foreign countries

in and to any and all improvements which are disclosed in the invention entitled:

**N Type Impurity Doping Using Implantation Of P2+ Ions Or As2+ Ions**

For ☒ U.S. and/or ☒ Foreign Rights

For ☒ Application or ☐ U.S. Patent

By ☒ Inventor(s) or ☐ Present Owner

### ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

#### ASSIGNOR:

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Nationality

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#### ASSIGNEE:

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**60 Woodlands Industrial Park D**  
**Street 2**  
**Singapore 738406**  
**Singapore**  
Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- ☒ the entire right, title and interest
- ☐ an undivided \_\_\_\_\_ percent (\_\_\_\_%) interest for the United States and its territorial possessions  
(check the following box if foreign rights are also to be assigned)
- ☒ and in all foreign countries

in and to any and all improvements which are disclosed in the invention entitled:

N Type Impurity Doping Using Implantation Of P2+ Ions Or As2+ Ions



and which is found in

- (a) ☐ U.S. patent application executed on even date herewith
- (b) ☒ U.S. patent application executed on 9/11/98, 9/17/98, 9/24/98, 9/28/98, 10/27/98
- (c) ☐ U.S. application serial no. \_\_\_\_\_ filed on \_\_\_\_\_
- (d) ☐ U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_  
(also check (e) if foreign application(s) is also being assigned)
- (e) ☐ and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute, thereof, and as to letters patent any re-issue or re-examination thereof.

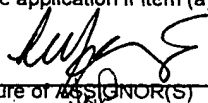
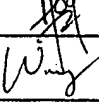

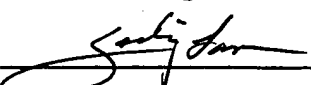
ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I / We have signed this

27 Oct 98 (Date of signing)

WARNING Date of signing must be the same as the date of execution of the application if item (a) was checked above.

  
\_\_\_\_\_  
Signature of ASSIGNOR(S)  
  
\_\_\_\_\_  
  
\_\_\_\_\_  
  
\_\_\_\_\_

If ASSIGNOR is a legal entity complete the following information

\_\_\_\_\_  
Type or print the name of the above person authorized to sign on behalf of ASSIGNOR

\_\_\_\_\_  
Title

Note: No witnessing, notarization or legalization is necessary, if the assignment is notarized or legalized then it will only be prima facie evidence (35 USC 261). Use next page if notarization is desired.

\_\_\_\_\_  
Notarization of Legalization Page Added.